FOREST AND STREAM.

INDEX—VOLUME 2.

A

PAGE.

Adams Express. Horses. How they are kept .. 9
Adirondacks.
Adirondack Forest. Waste of—Markham..... 21
Adirondack Park. Forest Preservation and.... 88
Adirondack. Region. Destruction of. J. H. Mc C..... 196
Adirondack Tooth Carpenter. H. E. C., letter.. 132
Blue Mountain Lake—Boyd..... 323
C. A. Green on..... 275
Dickens *All the Year Round* of 1860 on..... 57
Spring notes. P. H. A..... 242
Without a Guide. Boston Correspondent..... 304
Adler, Felix, Shad. Derivation of the word..... 377
Advertisers. FOREST AND STREAM as a medium for..... 72
Albinoes. Are they barren?..... 138
Alligators. Foraging for. A Mexican war experience. C. L. W..... 67
American Fish Culturists' Association Proceedings. Salmon breeding at Bucksport..... 20
American Museum of Natural History. Annual Members. Proposed to elect..... 188
Amherst Art Gallery—Mather..... 41
Ammonia. Uses of..... 261
Androscoggin Sporting Club circular proposing a State Tournament..... 395
Angling Lore and Literature. Ancient—Wilkinson 18
A Macte Virtute on..... 58
Angling. Science of..... 138
Angora Goats in Guadalupe..... 338
Answers to Correspondents. "By Ollipod Quill."
Cabbage worm. How to kill..... 373
Curculio on the Plum..... 389
Elm Flea..... 405
Fig Tree. Where it will grow..... 405
Gooseberry Caterpillar. How to exterminate.... 405
Moss. How to eradicate..... 405
Potato bug. How to destroy..... 405
Scale insects..... 373
Worms in plant pots..... 373
Answers to Correspondents.
Adirondacks to. Best route from Washington, D. C..... 343
Board for a Boy. Cost..... 311
Blue Mountain Lake..... 391
Can a boat be hired in without a guide?..... 279
Fishing. Best points for..... 375
Maps. The best..... 295
Region. Best for fly-fishing in..... 215
Alligators. How to transport..... 183
Andaman Islands, Latitude and Longitude of... 71
Aquarium. Green deposits on sides of. How to prevent..... 103
Atlantic City. Expense per day of shooting in. 23
Barnegat for bluefish. Where to stop..... 23
Bass, black and pickerel. Where to find..... 120
Bass, black of Kalamazoo and the fly..... 215
Bass, black for stocking ponds. Where to get.. 7
Bass, black. Where to procure for stocking a fish pond..... 71
Bay of Fundy. Where to lodge..... 375
Bird lime. How to make..... 135, 167
Birds for scientific purposes. Right to shoot in the close season..... 135
Birds. How to stuff. A concise work showing 103
Birds. Skins of. How to preserve..... 151
Black flies. Preventive..... 311
Boat or canoe transportation. Cost of..... 120
Boating. Single scull race for a man weighing 160 lbs. Dimensions for..... 199
Boots. How to make them waterproof..... 167
Boys. Where to camp out..... 295
Brass shells. How to cleanse..... 407
California, quail and pinnated grouse in..... 87
Camp stove. Where to buy..... 247
Canoes, bass wood. Builders of in Ontario..... 363
Caribou hide. Use of..... 55
How to dress..... 135
Caribou shoe packs. Where to procure..... 120
Collingwood to Sault St. Marie. Table of distances..... 279
Colorado. A two months' trip. Cost of, with other questions and answers..... 231
Coney Island Creek. The kind of fish in..... 231
Cook. Description..... 215
Crawfish. How to preserve..... 167
Cricket. Has the bowler the right to order the batter at his end?..... 247
Rules of..... 199
Cumberland township, Sullivan county. Hunting and fishing..... 375
Decarbonized steel barrel..... 183
Deer counties in Pennsylvania..... 311
Deer. Reflectors for firing or "jacking."..... 311
Delaware River. Where to go and fish in..... 215
Derringer pistol. History of..... 135
Dogs.
"Belle." What she could not be purchased for 103
Dandie Dinmont. Description..... 39
Fox hound pups. How to procure..... 23
Greyhounds and foxes..... 375
Laverack and Gordon setters. Color and points 39
Laverack setters. Price of..... 120
Puppies. Price of..... 103, 135
Macdona's prices for setter pups..... 215
Newfoundland, drooling of. How to cure..... 199
Pointer. "Head on one side."..... 151
Puppies. How to feed..... 183
Rabid Dogs. The best..... 55
Setter with a "bad nose."..... 183
Setter, American. Where to procure..... 231
Setter and pointer. Cross between, no good.. 55
Setter troubled with fleas..... 55
Setter pup. Distemper in..... 23
How to break..... 359
How to correct bad habits..... 215
Setters, Spanish in America..... 39
Springers and cockers. Cost to import..... 39
Terrier. How to purify blood of..... 151
Water Retriever. Cost to import..... 39
Worms in. Remedy for..... 199
Duck shooting. Charge for..... 103
Duck shooting in the marshes of the Calumet River, Illinois..... 103
Ducks and fish spawn..... 375
Dusky Duck. Varieties of..... 151
Elk. Do they shed their horns as fast as deer?. 55
Eels, fresh water. How to catch with a hook... 327
"Ephemera."..... 311
Ferrets. Where to procure 39, 135
Fish Commissioners of New York. How to obtain a report of..... 103
Fish culture by clubs. Best kinds of fish to raise. 183
Where practiced in Europe..... 135
Fish Hawk..... 151
Fish lines, linen. How to make waterproof.... 183
Fish tackle for small lakes..... 183
Fishing near New York. Where to find.....215 295
Fishing on Sunday. The law regarding.....343, 391
Fishing rods. Oiling..... 71
Wood to make, where to get..... 87
Split bamboo. Where to find..... 343
Fishing trip from Boston to Western Schoodies. Two weeks cost of..... 39
Fleas in the woods. How to keep away..... 279
Fleas on dogs. How to kill..... 375
Flies, artificial. Pin no faith on special varieties 263
Fly and insect preventive..... 327
Fly book. Best form for..... 407
Florida, West and Middle. How to reach..... 407
Fowler's Hard Rubber Reel. Price..... 279
Game. Has a man the right to do as he pleases on his own property?..... 39
Game pursued by A and shot by B. Who it belongs to..... 359
Glass eye for a dog..... 151
Goldfish breeding. Ponds for.....151, 215
Goldfish, or golden carp. Colors of..... 39
Grayling. Are there any in Pennsylvania?..... 87
Grouse, ruffed. Season for, correction..... 103

GUNS.

Breech loaders. Best..... 151
Best powder for..... 375
Firing ball from..... 167
Lefaucheux pattern..... 7
Ten bore, 10 lbs. Best load for..... 199
Double barrelled muzzle loader, 30-inch barrel, 12 gauge, fine laminated steel barrels. Load for..... 199
Lefaucheux vs. Hollins & Son..... 87
Oil to use after cleaning..... 263
Smith & Wesson. Address of..... 87
The gun for shooting quail, grouse, woodcock 151
What bore is best to shoot ball cartridges with 7
Gunpowder. The best for use..... 55
Hackensack River. New law. What sort of fish it applies to..... 279
Hemlocks. When to move..... 55
Hides, raw. How to cure. "Monmouth" recipe 167
Hooks tied on gut. Varnish for..... 407
Horses. Blinders for..... 231
Hunting and fishing within 50 miles of N. York. 215
Hunting near Toronto. Where to do it..... 247
Icthyology. Works on 151
Idaho strange fish..... 311
India rubber decoy ducks. Where to procure.. 71
Iowa prairie chicken, deer and antelopes. Where to find..... 167
Ivy poisoning. Remedy for.....263, 295, 327
Jersey flats. Duck shooting on..... 23
Knapsack for the woods..... 375
Lake Umbagog. Where to find trout fishing.... 375
Loudoun county, Va. Fishing and shooting... 343
Mackerel, horse; bluefish, salt water taylor and snapping mackerel. Difference..... 391
Maine. Trout fishing season..... 391
Massachusetts. Nattupa Lake. Catching fish out of season..... 167
Military matches. Period..... 343
Mink raising..... 87
Minnesota. Is there game in for shot gun and rifle?..... 247
Moccasin. Advantages over a boot or shoe.... 375
Mocking bird food..... 407
Moosehead Lake for fishing in July..... 55
Mosquitoes and black flies. How to keep them away from fishermen..... 359
Mount Desert Island. Where to find description of..... 231
"Musket powder."..... 120
Nebraska. Hunting facilities in..... 39
Nepigon Bay. Expense of a trip to..... 311
Nepigon River trouting party. How to make arrangements for..... 263
Trout fishing season in..... 359
Rod and tackle for fishing in..... 295
Ocean passage. Quickest by a steamer..... 135
Parrot How old it can grow..... 7
Partridge shooting. Proportions of powder and shot..... 55
Pennsylvania. Best places in for fishing and shooting..... 87
Trout fishing in. Where to go..... 87
Perch fishing. How to fasten the minnow on the hook..... 231
Pigeon shooting. Load for a 10-bore, 10-lb. breech loader..... 167
Pine Brook. Where it is..... 55
Pistol for target practice. Best..... 295
Portland to Rangely. Fare..... 311
Poultry Association. How to form..... 135
Rangely region for fishing..... 167
Rawhide lasso. Where to buy..... 295
Reel for surf fishing..... 87
Remington Creedmoor match rifle. Price of.... 167
Rifle cleaning. Wimbledon rules and..... 120
Rifle. International match. No rules as to loading..... 135
Rifle shooting. Lord Russell's hand-book..... 231
Robins..... 295
Salmon in Lake Champlain..... 247
Salmon, land-locked. Is it identical with the true salmon?..... 183
Sault St. Marie to Nepigon River. Cost of trip. 263
Schultze gunpowder..... 375
Shad. Can be caught with fly at any season.... 327
Shad fishing. Flies best for..... 215
Sheeting, Waterproof. How to make..... 391
Shooting, target. How many shot in a target for first-class shooting..... 215
Shrimp. How to keep alive..... 311
Sneak-boat and sink-box and float. Dimensions of..... 7
Snipe, bay. Best whistle for calling..... 199
Snipe in New York. When to shoot..... 120
Snipe shooting within a few hours of N. York.. 407
Shrimp a bait for black bass..... 247
Sporting papers, leading. Prices of..... 327
Sportsman, young. What kind of a dog to use. 87
Sullivan county, N. Y. for game..... 167
Tandem, string, spike and four-in-hand teams.. 231
Targets used at Creedmoor. Size of.....87, 120
Taunton River shad fishing in March, April and May..... 167
Taxidermist who gives lessons—Batty..... 55
Tennessee. Can trout or bass in be taken with a fly?..... 215
Thousand Islands. Best route to..... 279
Thousand Islands district. Fly-fishing in, kind of flies to use..... 391
Tontari Lakes. Best route to..... 199
Trout cultivation in Long Island ponds..... 167
Trout fishing, Bedford, Pa..... 343
Trout fishing season. When it closes..... 407
Trout fishing within a reasonable distance of Little Falls..... 103
Trout fry. How to carry..... 295
Would they go in search of food?..... 343
Trout. Can I catch on my own premises?..135, 215
Trout ponds on Long Island. Whole number of..... 391
Trout, small. Where to buy..... 359
Trout streams on Long Island. Where are they? 231
Near New York..... 71
Trout, traveling with. Temperature of the water. Correction by F. M. Webber..... 340
Twin Lakes. Hotel accommodations. Where?. 231
Upland plover shot in June..... 279
Venison dealers in New York..... 375
Price of..... 167
Virginia, Southern deer and bears in..... 295
Walking tour in New York State. How to dress for..... 247
Walton. Original copies..... 295
West Point. Is there good trout fishing in vicinity of?..... 215
Whitehall boat. What it is..... 359
Wind falls. How to disperse..... 375
Woodcock, Boston. Shooting within 50 miles of Massachusetts. Season in..... 359
Pennsylvania close season..... 311
Where to find..... 263
Worms on the lawn. How to destroy..... 279
Yacht. Law regarding outfit..... 215
Yachting. Ariel-Storm King scrub race. Decision..... 311
Youngwomanstown, Pa. Expense of a month's fishing at..... 120
Antelope. Game Laws and..... 279
Antlers, Large..... 107
Aquarium car. The..... 57
Aquatic Monthly, notice..... 263
Aquatic, or sub-tropical decorations. O. Q..... 247
Archery. Rules for.....152, 248, 392
Arctic Exploration. Polaris survivors. Petition to Congress in favor of..... 135
Arctic lands. Quadrupeds of—Archer—Elk..... 149
Reindeer..... 51
Army and Navy. What they are doing in arms and material..... 296
Army. Third Regiment removed from Missouri.. 344
Art.
Brackett, Walter M. Salmon pictures..... 137
Duc de Montpensier's pictures and Boston Fine Art Museum..... 88
Pease, E. Sherman. Fish and Game..... 78
Schreyer's Horse Yard..... 105
Trumbull, Gordon. Fish pictures of..... 105
Athletics.
Athletic Club of New York. Annual meeting.. 98
Athletic Y. M. C. A. of New York. Gymnasium entertainment..... 157
Athletics *a la mode*..... 264
Athletics at Cornell University..... 316
Atkins, Chas. G. Salmon breeding at Bucksport. 20
Audubon Shooting Club of Angola, Ind. Officers 59
Auk, great, of Newfoundland..... 244

B

Babtiste, Jean. Lakes of the Laurentian Hills.... 12
Baie des Chaleurs. A cruise after salmon—W. E. F..... 291
Baird, Spencer F., U. S. Fish Commissioner.
California salmon letter..... 229
Centennial. To represent Smithsonian Ins..... 11
Fishways. Letter on..... 340
Hybrid Ducks..... 5
New York Fishmonger's Association. Visit to. 339
Panther feast—Batty and..... 87
Pisciculture and the Fisheries. Paper read before Fishculturists' Association..... 52
Shad..... 155
Tarpum. The..... 389
Ballou, N. E. Fish culture in Illinois..... 228
Baobab. The..... 245
Barnegat. Fishing at on the 4th of July..... 362
Barnum, P. T. Cincinnati hog slaughtering joke..... 13
Base Ball.
Base ball in England. *Land and Water* on..... 93
America *vs.* England. Harry Wright's letter.. 62
American Clubs in Europe..... 403
Americans vs. Girard..... 355
April record..... 199
Athletic *vs.* Philadelphia..... 166
Athletic *vs.* Yale..... 316
Athletic *vs.* Young America..... 243
Atlantic and Boston clubs' European trip. Spalding letter on..... 62
Atlantic *vs.* Baltimore..... 216
Boiled Eggs Club..... 157
Boston and Athletic clubs. Intended visit to England. Programme..... 78
Chicago champion club. Salaries paid by..... 35
"Dead Ball." In search of an elastic for..... 316
Discredit brought upon the game. Chadwick on..... 99
Fly-Away Club. Election..... 78
Fly-aways, Amateur, *vs.* Atlantic..... 214
Games to April 14..... 157
Hartford *vs.* Trinity College..... 157
Knickerbocker Club. Officers elected..... 78
May record..... 199
Mutual *vs.* Atlantic..... 339
Nameless, amateurs, of Brooklyn, *vs.* Rutger's College..... 214
National Association. Officers elected..... 78
New Jersey Athletic Club. Election of officers 166
Princeton College. Letter on games played.... 263
Princetons *vs.* Hartford..... 295
Professional games played..... 167
Prospect Park club match..... 262
Red Stockings *vs.* Philadelphia nine..... 237
White Stockings *vs.* Athletics..... 237
Zephyrs vs. Princetons..... 167
Bass, Black.
Do they take the fly?—"Esprit Fort."..... 363
Exterminating themselves—A. M. Valentine on 341
Fishing in the Potomac..... 265
At New Smyrna, Florida—Geo. J. Allen..... 376
At West Port—W. C. Harris..... 378
In Florida—S. C. Clarke..... 371
In Lake Erie—Sutton..... 294
In Lake Wawayanda—"Homo"..... 402
In the Niagara—Griffith..... 60
Fly-fishing for black bass..... 376
Hill..... 165
Stocking ponds with—Collins..... 120
The species of. Editorial..... 40
Will they bite at shrimp? Littell on..... 266
Battue. English correspondent..... 324
Batty, Jos. H.,
Bismarck, D. T. Letter from..... 360
Grand Manan..... 179
Gull, black hacked. Pugnacity of..... 70
Rhinoceros feast..... 86
Sierras. All summer in..... 326
Yellow bird. Eggs and nest of..... 149
Bear, Polar. After one with a whale boat..... 359
Beaucamp, R. New Brunswick. Fishing in..... 294
Beaver River country—N.Y..... 370
Beaver trapping, F. S. B..... 196
Belt, Thomas. Naturalistic acumen. Editorial.. 94
Bender, Captain Chas. Strange fish. Reply to "Idaho."..... 341
Benner, Franklin, on our petrels..... 133
Bennett, James Gordon. Rifle shooting. Prize of..... 89
Bennett, Thomas. Fishing in the Novarro..... 30
Bergh, Henry. Pigeon shooting and..... 121
Letter..... 302
Betting and betting houses in England..... 165
Betting at Conventions. Monroe County Sportsman's Club and..... 228
Beverly, Fred.
Florida as a Sportsman's Resort..... 326
Head winds and storms. Beset by..... 8
Hammocks of Florida..... 260
FOREST AND STREAM Okeechobee Expedition.....42, 105, 145, 168, 198
Rara Avis of "Pioneer."..... 405
Bianconi's Horses..... 36
Billiards.
Boston. Bumstead Hall Tournament..... 98
Daly-Dion Game at Tammany Hall..... 57
Dion, Cyrille. Challenge to Maurice Daly..... 157
Garnier-Daly match for Championship Cue..... 135
Garnier-Ubassy match..... 99
Price-Fulgrove game..... 166
Spingler House. Rooms sold to Mr. Dudley Kavanagh..... 20
Birds.
Bird Charming..... 133
Birds. Albinoism—S. F. W..... 54
"Ornis," Davis and Sears on..... 22
Birds. Food for. Certain kinds of—F. S. B... 341
Birds helping each other. Swallow case..... 135
Bird marking. Remarkable power of—"Monmouth."..... 60
"Pisceo." on..... 60
Birds. Migration. M. Smith..... 245
Birds of Lake Okeechobee—Ober..... 162
Birds, plumage of. Variety produced by domestication—Norris..... 54
Making nests under water—"Pioneer."..... 373
Blackford, Eugene G. A Host of Fishes..... 24
Blackeslee, M. A. Shad in Alleghany River..... 339
Bloomingrove Park Association. Officers.....90, 105
Bluefishing at Barnegat. "Al Fresco." 77, 227, 295, 311
"A Brick on"..... 372
Blue Grouse—"Veteran."..... 340
Bluff City Shooting Club of Memphis, Tenn..... 75
Boar, wild, in Kentucky..... 120
Boats.
Barnegat Duck Boat. R. B. White's descrip-

270294

PAGE

tion of ... 171
Bond's Section Boats ... 204
Boating.
Alcyone Club regatta ... 316
Analostan Club. Officers elected ... 92
Argonaut Club of Toronto. Annual meeting ... 156
Argonautas vs. Atalantas match ... 354
Atalanta Club. History of ... 301
Barge race. Nassau vs. Harlem ... 220
Boston clubs. List of ... 203
Boston Scull Race ... 202
Brown-Scharff contest at Springfield, Mass. ... 364
College (Freshmen) race at Saratoga ... 379
Columbia Club of Brooklyn. Officers elected ... 77
Columbia College crew. Probable ... 156
Christiana regatta at Wilmington, Del. ... 380
Dartmouth Club meeting. Delegate to Saratoga ... 55
English University race ... 121, 125, 157
Galveston Rowing Club regatta ... 348
Genessee Club. Officers ... 141
Greenpoint, L. I. regatta ... 363
Harlem Association. Officers elected ... 77
Harvard University. Class races ... 269
Inter-Collegiate regatta at Saratoga. Preparations for and letters on. 10, 14, 30, 46, 72, 361 376, ... 379
International regatta at Toronto ... 379
Leslie, Frank. Interlaken Cup. Prize of ... 189
Maine Association. Annual meeting ... 171
Minnie. A cruise down the St. Lawrence in—C. U. D ... 65, 81
New Orleans. Revival in St. John's Rowing Club regatta ... 253
Orient Club supper ... 156
Sadler-Bagnall race ... 172
Regatta ... 317
Schuylkill Naval Board Committee ... 76
Union Club of Boston. Officers elected ... 97
Williams College. "Fleet Will" letter ... 189
Winnisummet Club officers ... 141
Wolff-Tucker match ... 301
Woodside Rowing Club. Officers elected ... 77
Bolles, Frank, Holyoke, Mass. Fly-fishing at ... 247
Book Reviews.
American Yacht List for 1874 ... 285
Anglers. Maxims and Hints for ... 46
Appleton & Co.'s International Scientific Series ... 173
Baird, Brewer and Ridgway. North American Birds ... 179
Beecher, H. W. A pleasant talk about fruits ... 259
Birds of North America. History of, by Baird, Brewer and Ridgway ... 14, 179
Bishop, Nat. H. Frontier Series ... 301
Buckingham, Emma M. A self-made woman ... 46
Carman, Elbert S. Setters and pointers ... 173
Chadwick's American Cricket Manual and Base Ball Guide ... 221
Clouded in Mystery ... 141
Collins, Wilkie. No Name ... 305
Coues, Dr. Elliott. Field Ornithology ... 141, 332
Key to North American Birds ... 78
Cousesley, Robt. B. Heroism of Mary Dustin ... 93
Davis, Thos. Microscopic Objects. Preparation and Mounting of ... 46
De Coulange's Fusted. The Ancient City ... 30
Douglass, Armand M. Seven Daughters ... 253
Edwards, Amelia B. In the Days of My Youth ... 173
Eggleston, E. The Circuit Rider ... 269
Engelhardt, Fred. J. American Rowing Almanac ... 205
Ernest Werner ... 237
Fannie St. John ... 78
Forester, Frank. Deer Stalkers ... 237
Shooting Box ... 173
Forrest, Edwin. Life, by Rees ... 205
Fur, Fin and Feather. Game Laws ... 339
Game of Ombre. Williams & Co ... 80
Gerke, A. Geology ... 285
Goode, G. Brown. Do Snakes Swallow their Young? ... 287
Hamerton, Philip Gilbert. Chapters on Animals ... 317
Hawcis, H. R. Pet; or, Pastimes and Penalties ... 205
Henshaw, H. W. Birds of Utah ... 287
Herbert, H. W. Frank Forester's Quorndon Hounds ... 237
Holden, Chas. T. Birds ... 339
Hudson, H. R. Poems ... 285
Hugo Victor. Ninety-Three ... 237
The Rhine ... 355
Jackson, Thos. Stories About Animals ... 237
Jasper, Dr. Birds of North America, Part 5 ... 30
Jordan, Prof. D. S. A Popular Key to the Birds, Batrachians and Fishes of the Northern U. S. ... 173
Kellogg, Elijah. John Gadsoe's Legacy ... 30
La Ville de Madame Angot ... 62
Lackyean, J. Norman. Contribution to Solar Physics ... 105
Lake Superior Guide ... 332
Lee, Benedict. John Worthington's Name ... 285
Leland, Chas. G. Gypsies of North America ... 30
Lewis, Dr. Elisha J. American Sportsman ... 93
Little Classics. Osgood ... 253
Lytton, Lord. The Parisians ... 269
Lytton, Robert, Lord. Fables in Song ... 126
Mackay & Waddy. Ship ahoy ... 126
McKnight, Chas. Simon Girty ... 78
Marshall, Mrs. Emma. Mrs. Mainwaring's Journal ... 78
Masten, Ed. W. Grange movement. History of ... 173
Mason, Annie ... 237
Maynard, C. J. Birds of Florida ... 317
Mivart, St. George. Man and Apes ... 39
Moosehead Lake. Guide to ... 332
Nason, Elias. Life and Services of Charles Sumner ... 141
Old Fort Duquense ... 62
Packard, A. S., Jr. Half Hour Recreations ... 14
Relations of Insects to Man ... 301
Peake, Elizabeth. Pen pictures of Europe ... 205
Prime, Rev. Samuel. Under the Trees ... 380
Reade, Winwood. Martyrdom of Man ... 126
Ruggles, Sam'l B. Agricultural Products of the United States ... 332
Ruptured and Crippled. New York Society for the Relief of. 11th annual report ... 237
Schwartz, Maria Sophia. Gerda ... 269
Sawall, Joseph A. Botany Condensed ... 380
Sharp Shooters' Score Book ... 248
Shaw, Francis A. Good Luck ... 301
Shone, George A. Life Under Glass ... 253
Smiles, Sam'l. Huguenots after the Revocation ... 30, 62
Smith, Walter. Art Text books ... 269
Steamship and Yacht Signals. Grandville ... 285
Stephen, Sir Geo. Adventures of an Attorney ... 205
Stone, Livingston. Domesticated Trout ... 221
Taylor, Joseph. Fast Life on the Modern Highway ... 253
Trollope, T. Adolphus. Diamond cut Diamond ... 126
Underwood, Francis H. Lord of Himself ... 301
Valle, Henri. La Vie Sportive en 1874 ... 380
Vincent, Frank, Jr. Land of the White Elephant ... 253
Warren, Israel P. Three Judges of Charles I. ... 332
Welles, Gideon. Lincoln and Seward ... 126
Wikoff, Chevalier. Four Civilizations ... 237
Witherspoon, Ella. Beaten Paths ... 285
Bottle *vs.* Jug Fishing—E. S. P ... 279
Bowen & Stratton. Pond ova. Case ... 123
Bowles, B. F.—Shad fishing in Connecticut ... 204
Bowles, Sam'l F. International setter match. Letter on ... 43
Brackett, Walter M. Salmon of the Pacific ... 76
Bradford & Anthony. Sportsmens' goods ... 10
Brady, Benj. F. Inter-collegiate regatta. Letter to *Tribune* on ... 30
Brainerd, Minn. Black bass, pike, perch and pickerel fishing in ... 285
Brinsmade, Allan L. Fishery Commissioners of Ohio ... 45
Brown, Jones and Robinson's hunt ... 226
Buffalo.
Buffalo. Destruction of, Bill to prevent. "Bison" letter ... 184
Buffalo hunting—"Basso" ... 3
Buffalo protection. C. L. Fort on ... 6

PAGE

Bull Fight. T. E. L ... 116
Burrall, W. H. Jew fish, &c ... 324
Butler, Joseph. International setter field trial ... 43

C

California.
Fishery Commissioner's Annual Report ... 104
San Francisco. "Jaunts Around 'Frisco." Buena Ventura ... 290
Sports in. Humboldt Bay. Salmon Fishing in ... 1
Woodcraft. No. III.—"Monmouth" ... 289
Campbell, Colin. Gift of to Editor of FOREST AND STREAM ... 42
Canada.
Fishery Laws. Working of—"Salmo Salar" ... 85
Fishing in. Discriminate exclusion—Whitcher ... 27
Game and Fish Close Season—Whitcher on ... 59
Game Laws Enforced ... 310
Marmot—Sears ... 38
Northern Lakes for Summer Tourists ... 285
Ottawa. Natural Wonders on ... 163
Quebec and Ontario Close Seasons for Game and Fish ... 391
Rivers; Leased—Amsterdam ... 311
Small bore men of—Shooter ... 44
Summer Sports in—G. M. F., Jr ... 98
Trout Streams.—Mantlet ... 294
Canoeing.
Articles on Descriptive of ... 92, 109, 170, 279
C. M. D. Letters ... 170, 203, 364, 407
C. V. D. Letters ... 65, 81, 92, 109
Newman Letter ... 303
New York Club, Election of Officers ... 46
Vessels of ... 55
Cantwell, H. E. Malone, N. Y., Letter ... 294
Canvas, Waterproof Paint for ... 116
Caribou, Woodland—Harney ... 322
Carman, E. S. Hydrophobia ... 230
Carp and Gold Fish. The first brought to America ... 163
Carp as a Food Fish ... 121
Carp. How to tell sex of—Burr ... 325
Carroll, Michael. Newfoundland Telegraphic Monopoly ... 40
Caton, J. D. Glandular System on the hind legs of deer ... 38
Cat, Wild. One Presented to Central Park by Gen. Custer ... 261
Cayuga Lake. Trout ... 292
Cemeteries, Trees and Shrubs in—O. Q ... 102
Central Park Menagerie in Winter. Editorial ... 40
Charbonnier de Pierre. Fish Culture and ... 85
Children's Excursions in New York ... 330
Chamberlin, O. S. Woodcock Shooting. Bill regarding ... 411
Chess. Third National Chess Congress in Chicago ... 380
Chub Fishing. W. C ... 205
Cisco Fishing in Wisconsin—Greenhead ... 295
Ciscos of Seneca Lake, Wisconsin ... 309
City of Peking, Steamship. Launch of ... 105
Clams, Fresh Water. Floating of ... 6
Clark, N. W. Whitefish Hatching ... 340
Clarke, S. C.
Bass, or Redfish, and Pigfish in Florida ... 173
Black Bass. Letter on Heavy Ones ... 156
In Florida ... 371
Cisco of Geneva Lake, Wisconsin ... 357
Coast Fishing of Florida ... 252
Fish, Southern Traits of ... 336
Lake Okeechobee Letter ... 105
Sea Trout With Young Serpents in ... 11
Clerk, Dr. Frank. Grand River Gaspe. Leeter ... 378
Cleveland Sportsmen's Club Officers ... 59
Close Seasons, Comparative Table of ... 119
Coach Drivers. *Land and Water* on ... 231
Coaching in Ireland ... 185
Cochran, Fitz. Letter to FOREST AND STREAM on Nova Scotia Rivers ... 284
Codfish. Value as food ... 183
Cold in the Head, cure of ... 179
College foot races at Glen Mitchell ... 380
Collins, A. S.
Grayling Hatching ... 276
Stocking Streams and Ponds with Fish ... 27, 53, 120
Collins, H. O.
Game Laws of Ohio ... 391
Habitat of the Grayling ... 309
Colorado, Game in. "Uncle John's" Letter on ... 140
Columbia River Country—F. L. U ... 18
Conger Eels ... 92
Connecticut River Nuisance ... 165
Cope, Prof.
Dakotah and Sondan ... 232
Michigan Grayling ... 181
Coral Stone that Drips Oil—Seymour ... 25
Coues, Dr. Elliott.
Hybrid Ducks ... 54
Powder Down ... 136
Cremation, Indian System ... 323
Creedmoor. General Advice for. Bull's I on. (See also Rifle Shooting) ... 250
Crested Fly-catcher—Mobris ... 213
Cricket.
A. A. O's. Paper on ... 166
All England Eleven. Defeat of in New Sydney. 26, 122
Amateur Clubs, H. Holden on ... 263
America *vs.* England ... 403
Eaton *vs.* Harrow ... 387, 409
England May Record ... 263
Germantown *vs.* St. George ... 262
Harry E. S. on a club that should be organized. Rules for ... 13
London *vs.* Detroit ... 263
Philadelphia Clubs at Dinner ... 135
Philadelphia *vs.* Germantown ... 237
Rules of, No. 2 ... 13
Marylebone Code of Laws ... 93
St. George's Club Dinner ... 166
St. George *vs.* Boston ... 339
St. George *vs.* Manhattan ... 332
St. George *vs.* Merion ... 243
St. George *vs.* St. Louis ... 262
St. George *vs.* Staten Island ... 279
St. George, of St. Louis, meeting ... 199
St. George's, of St. Louis, match ... 332
St. Louis Club, Officers elected ... 78
United Eleven of St. Louis, Journey East. Review of—H. R. S ... 60
Staten Island Club Dinner ... 157
Croquet.
How to Play it ... 392
Inventor of ... 360
Crow, Charles H. A Day on the Racquette, Tupper Lake, and Bog River ... 146
Cruelty to Animals. Societies for Prevention of in Great Britain and Ireland ... 169
Curle, Dr. L. T. Splicing rods ... 205
Curtis, F. Dinner to ... 29
Currant, Cultivation of—O. Q ... 196
Custer, Gen.
Life on the Plains ... 250
Horse Eating Experience ... 307
Cutter, Dr. Ephraim. New Microscope of ... 25
"Cuvier" Sporting Club. Retlaw Letter ... 124

D

Dakotah and Sondan—Cope ... 232
Davenport, Capt. Journey from Quebec to Lake St. John ... 305
Davis, J. S. Albinoism in Birds ... 22
Davis, J. N. Pot Hunter ... 326
Deaths.
Audubon, Mrs ... 313
Butler, Francis ... 313
Clare, Ada ... 78
De Rothschild, Baron Myer ... 43
Mace, Dan ... 39
Potter, Robert K ... 37
Powell, Major John ... 275
Sharpe, Christian ... 89

PAGE

Vail, D ... 281
Deer.
Fred Pond's Adventure ... 307
Glandular System on Hind Legs of—Caton ... 38
Deer Horns. Remarkable—L. W. L ... 245
Deer Hunting in Maine and New Hampshire—W. E. S ... 12
White Deer. Mr. Shimer's Trophy ... 179
De Nehcosnova. A strange bird ... 412
Devil Fish of Newfoundland ... 310
Dodo.
Col. Steinberger's Specimen of ... 3
His Visit to the Namgatoy Islands ... 234
Ridgway on ... 244
Dogs.
Anecdotes of—*Chasse Illustree* ... 150
Dutch and the Belgian Revolt ... 211
W. L. on ... 6
Belle, a Portrait ... 129
Butler's Kennel. Sale of ... 405
Carman, E. S. Kennel of ... 231
Carman's Snuff Bitch Theory ... 247
Chamberlin, A. E. Importation for ... 87
Daniel Webster Setters ... 106
Disfiguring by Tailing—"Homo" ... 284
Dog Law of Maryland ... 283
Do they Reason. "Julia," a Dog's Letter on ... 43
Dogs Dropping to Shot. "Homo" ... 299
Dogs Edible, from China. Introduction into Paris ... 78
Food for—Ben. W. R ... 331
Food for—"Homo" ... 247
Dog Shows—"Homo" ... 134, 231
Dogs on Hunting Trips. Biscuit as food for ... 390
Dogs for Mr. C. H. Raymond ... 169
W. R's. Letter on ... 107
Dogs Snake Bitten. Proper treatment of—Geo. C. E ... 214
Edwards, Mr. Kennel of ... 383
Field Trials. Pointers and Setters. The proposed International Match. The Letters, etc., on the subject ... 6, 25, 41, 43, 55, 71, 134, 136, 154, 197, 233
International Field Trial. V. J. Shipman's Challenge ... 376
Working in Field Trials—Price ... 55
Fowler's Duke. Pedigree of ... 247
Fox Hounds of Virginia. Jacob Wagner's Letter ... 107
Game. Dogs for different kinds of. How to break—"Verita"s ... 325
Greyhound. Judging on the Show Bench ... 315
Gun shy Setters. "Duckish" Letter ... 150
Horse car "Spotter" Dog ... 150
Illinois State Tournament. Show at ... 283
Irish Setters. "Pero." Pedigree of ... 107
Letter to *Bell's Life* on ... 134
Kenneling and Feeding. Instructions ... 150
"Old Calabar" papers on ... 169, 182
Kirby's Narrative and "Homo"—J. K. F. on ... 315
Ladies' Pets. How to Feed ... 23
Laverack's dogs. *Bell's Life* on ... 373
Fairy and Pride of the Border ... 373
Macdona Letters to FOREST AND STREAM. Kennel Club Notes ... 182
Macdona, Mr. Honorable Dealing of—"Mohawk" ... 357
Marking. "Junior's" Letter ... 87
Mastiff. St. Bernard ... 260
"Mohawk"-"Gopher" field trial match ... 373
Morford's Joe sold ... 374
"Music's" Death ... 123
Muzzling Cruelty ... 150
Muzzling in New York ... 260
Action Regarding ... 298
La Chasse Illustree on ... 357
Newfoundland and Gordon Setter. Brutal Killing of—"Portland" Letter ... 342
Newton, N. J., Breeding Kennels. Description ... 246
Pearce, Frank C. The British Canine World ... 196
Pembroke's Sagacity ... 217
Pointer and Setter Cross. J. H. Walsh ... 283
Pointer's Head. J. C. D., M. D., on ... 170
Pointer. English Field Trial Controversy. Rev. J. C. Macdona's Letter. Endeavors to Revive the International Field Trial Match ... 214
Pointers for. Why none for Retrieving ... 170
Pup in a Press Room ... 30
Puppies. Training of—"Mark" ... 54
Rector of Cheadle. Banshee and Kirby. Pedigrees of ... 182
Richardson, G. F. Newfoundland of ... 100
San Francisco. Coursing Match in ... 6
Scentic Power of. "Check Cord" ... 260
Shooting. The Dogs we want and don't want—*Bell's Life* ... 71
Sagacity of. Springfield Dog with broken legs ... 6
Show Bench. Judging on. Dalmatian, Colley, and Bloodhound ... 405
Slaughter ... 315
"Shoo Fly." Catch 'em, and she did—"Basso" ... 98
Sporting. 'Idstone," in *Field*, on ... 43
Stray. What is done with them in Paris ... 122
Theatrical ... 169
Wanted, for Shooting. U. S. Correspondent of *Bell's Life* on ... 6
SETTERS.
Apology about not having sent Pups to America ... 182
Belling—Rosenbaum ... 71
Bismarck ... 22
Crouching *vs.* Pointers. Letter on ... 43
Gordon setters and retrievers. "Idstone, Jr." on ... 374
Laverack Setters. Letter of Mr. Laverack Regarding ... 87
Gautier Correspondence ... 150
Purity of Breeds in America—"Homo" on ... 23, 54
Schuyler, R. Gordon Setter Bitch of ... 197
Setters and Pointers Gun Shy. How to cure ... 123
Thoroughbred Dogs. Trouble in Transporting. To Steamship Companies ... 182
Toby and Carlo. Training—L. Wyman ... 330
Warwickshire Fox. Stanley James on ... 247
Western Challenges to English Sportsmen ... 405
Dougal, John C. Grayling Introduced into the Clyde ... 180
Drama. Amaran hReception ... 105
Ducks.
Hybrid—Baird ... 5
Hybrid—Coues ... 54
Shooting in Iowa—Hampton ... 258
Shooting on English Waters—"Idstone, Jr" ... 265
Shooting on the Chesapeake in November—S. L. P ... 12
Wild. How to Cook. *Chasse Illustree* on ... 148
Indications of, but none found—G. T. I. O ... 154
Duffern, Lord, and party. Ex cursion to Muskoka Lakes ... 609
Dumb Bell Lifters. Pennell's Challenge ... 215

E

Edwards, Prof. V. N. Fish Specimens sent to Smithsonian Institute ... 87
Eagle, C. H. Rail, or Sora ... 261
Eggs.
How they Stand Long Transit ... 339
Imported by England in 1873 ... 62
Elkhorn Greenhead Club. Organization of ... 91
English Soldiers. Chest Measurement of ... 26
Estes, Dr. D. C.
Good Trouting Localities ... 188
Moon-eye ... 377
On FOREST AND STREAM ... 275
Pike Perch in Lake Pepin ... 83
Shad. The First Taken in the Mississippi ... 246
Exploration West of the 100th Meridian. Wheeler Expedition. Work of ... 168
Eve. How she took the Apple from the Serpent. Frenchman's Account ... 268
Evergreens from New Brunswick and Manitoba. Transplanting of ... 53

F

PAGE

Fairchild, G. M.
Fishing in Canada ... 396
Quebec Country ... 211
Fourteen Days in the Bush ... 305
Ferguson, Conn. Presentation to ... 380
Field. Model Field Literature ... 408
Field Sportsmen's Clubs ... 136
Forest Fires ... 229
Fire. North Channel Family Fishing and Shooting Club House ... 183
Fitz Cochran. Nova Scotia Inland Fisheries ... 308
Fitzhugh, D. H. Grayling of Michigan, and ... 168
Fish.
Ascending a River. What they do when they meet a Dam ... 281
Better Preservation of—Charles Hallock's plan ... 24
Breeding and Agriculture—Jerome ... 276
Fish Commission of Maryland. The Bill to Establish ... 85
Fish Commissioners of New York. Annual Report ... 88
What they Have Done—Roosevelt ... 100
United States Fish Commission. Flashes from the "Bluelight" ... 300
FISH CULTURE.
Aquarium Car. Arrival in California ... 324
Flashes from the "Bluelight." Naturalists' experiments—"Piseco" ... 388, 404
England. Anglo-American on ... 229
Hatching House—Mather ... 132
Hatching Troughs—Mather ... 308
Illinois—Ballou ... 228
Influence of Mild Weather on—Mather ... 11
Secret of—Mather ... 245
Skates—"Piseco" ... 388
Spawn, Handling—Mather ... 68
Fish Culturist, Wail of a ... 276
Fish Culturists' Association. Official Report ... 26
Page Amendment ... 53
Fish Dealers of Boston. Circular Regarding Pedlars ... 11
Fish Decayed. A Mistake ... 293
Fish, Eastern. Introduction into Waters of the Pacific Slope. Stone's Papers on, etc ... 100, 389
Fish in Season in March ... 60
Fish, Southern, Traits of—Clarke ... 324
Fish Transportation. E. J. F's. Plan ... 196
Fish, Voracity of. Iowa correspondent ... 389
Fish, White, California Hatching House. Distribution of ... 68
Fisheries at Gloucester. Statistics ... 60
Fishery Commission U. S. Operations on Long Island Sound ... 372
Fishery Commissioners of New Hampshire ... 378
Fishery Commissioners of the Several States. Ohio. Brinsmade's Letter ... 45
Fishes. Siluroid Indian. Peculiarity of ... 53
Fishing Ground. America's Future ... 280
Fishing in Gull Lake ... 220
Fishing in June ... 284
Fishing in Loudoun county, Va ... 396
Fishing. Jersey Coast. A. M. S ... 330
Fishing Minister—Lenex ... 194
Fishing rods, Fly rods. New material for—"Fitz" ... 371
Fishing Superstitions ... 23
Fishing Tackle. A Word as to ... 172
Flies. Black. Gnats, etc. Remedy for ... 294
Floods. Mississippi and Missouri Rivers ... 188
Florida.
As a Sportsman's Resort—"Beverly" ... 388
Birds of St. Augustine—"Monmouth" ... 38
Coast Fishing. Clarke ... 252
Exodus from ... 233
Fort Capron—A. W ... 253
Okeechobee Expedition of FOREST AND STREAM. Fred Beverly (Ober) and ... 49, 168
Sketches. Yachting Down South—L. W. L ... 82
Flower Seeds. The Time to Plant—O.Q ... 133
Fly Fishing in some Rivers—Poe ... 285
Fly Making. Art of ... 188, 204, 220, 252
Forest and Stream.
Boston *Journal* on ... 371
C. F. W.'s Tribute ... 406
Chicago Office ... 408
Collar ... 328
Cowie Letter ... 279
Does not Sell Dogs and Guns on Commission ... 169
Don't Steal from A Whine ... 216
"Exalting our Horn." James Alexander, Jr ... 332
"Georgian's" Compliment ... 411
Okeechobee Expedition. Trout Letter ... 73
Office. Removal of ... 72, 168
Personal grievance ... 373
Sportsmen's Club of Brainerd, Minn ... 12
Sportsmen's Club of Olney, Illinois. Game Law it is going to have passed ... 187
The Work it is doing ... 12
Vase. Presented by to New York Association
Forest Lake and Villa Park Association. Officers of ... 299
Forests of America and Europe ... 357
Formosa—"Piseco" ... 67, 97, 114, 130
Fort, C. L. Buffalo Protection ... 8
Fort Sill. Bison's Correspondence ... 250
Fox Farm. Visit to ... 405
Fox Hunting in England—S. J ... 210
Foxes.
Can they Withhold their Scent—J. E. on ... 6
Rev. J. G. Wood on ... 6
France.
Licenses to Shoot taken out in 1873 ... 350
Sea Fisheries of ... 340
Societe d'Acclimatation. Sales of Animals by ... 341
French Aquaculture. Chevalier's Report ... 56
Frogs Crying Like a Child—Merlin ... 163
Frogs. Speckled. Noise of—G. S. Letter ... 167
Furs.
How to keep ... 211
Where they come from ... 89
Fuschia. Saving Seed of ... 357

G

Gamble, Dandy. Letter to FOREST AND STREAM ... 107
Game and Game Laws. (See also under head of States).
Game and Fish. Laws for Protecting ... 136
Game. Farmers *vs.* Sportsmen—Mohawk ... 210
Game and Inland Fishery Protection Association of Halifax, N. S. Organization ... 138
Game Law of Georgia ... 391
"Georgian" on ... 411
Game Law of New Jersey ... 391
Game Law of Missouri ... 139
Game Law of Ohio. H. O. Collins on ... 391
Game Laws. Co-operative Comparative Table of Close Seasons ... 74, 119, 216
Corrections ... 360
Game Laws in England. London Game Dealers and ... 137
Game Laws—"Mohawk" ... 195
Game Laws. Revision. National Convention at Oswego. Call for—G. W. D. Letter ... 360
"Wood's" Letter ... 392
Game Laws of New York. Amendment to. Mr. Prince's Bill ... 44, 90
Game Laws of Ontario ... 394
Game Laws. Phelps *vs.* Racey. A Judicial Decision ... 217
Game Protection. Grouse out of Season. Phelps *vs.* Racey ... 360
Game Protection and Trespass Laws—B ... 201
Game Protection in Maryland—B. Letter ... 326
Game and Fish. New York State Association for Protection of. Officers of Convention. Programme ... 296, 313, 329
An Incongruity ... 344
Game Protective Societies. Increase of ... 153
Game Protection. New York Association.

PAGE

Circular to Sportsmen's Associations... 312
Editorial on... 24
Meeting of... 216
Game Preservation. Mr. Hallock's Plan... 78, 153
National Convention Called... 328
L. W. L. Advocates the Organization of a new one... 393
Gardens.
April Work in... 165
Biennials, Perennials, and Tender Plants for... 213
City Form of... 149
Small... 181
Plants suitable for... 196
Fern Gardening... 309
March... 86
Planting. Seasonable hints... 213
Rockwork... 229
Rose Beds in Winter. How to protect... 325
Rose Culture... 293
Rose Garden. How to make... 361
In June... 277
Scenery. Answer to Inquirers... 293
Spring Flower Planting... 118
Window or Parlor. The Begonias... 5, 53
Sub-Tropical and Ferns... 37
Wistaria Sinensis... 225, 341
Ghost Fish. R. L. N. on... 6
Gill, Theo. Tarpun and Jew Fish of Florida. Letter regarding... 276
Gillbanks, Jackson.
Grayling Identified... 340
Kansas Wild Plums... 310
Giraffe shipped from Bremen for New York... 276
Gloucester Fisheries, and statement of Products... 11
Goldsmith, C. H. European Quail... 261
Good, Frank. Shoe Packs and Moccasins... 393
Goode, G. Brown.
Col. Forsbey on Alligators. Letter... 404
Tarpum... 292
Goose. The Snow. Question and Answer... 123
Grafting. Curiosities of... 245
Grand Lake Stream in Maine. Anglers at... 285
"Salmo's" Letter from... 363
Grand Manan—Batty... 179
Grapes in City Gardens—"O. Q"... 69
Grassing a Slope. How to do it... 196
Gray, Wm. Salmon Returning from the Sea... 244
Grayling and Trout in the same streams—Fisherman on... 212
Grayling.
Clyde. Introduction of. Dougall... 180
Collins, H. O., on... 276, 309
Lake Geneva, Wisconsin—Richardson... 311
Mather, Fred, on... 228, 292
MICHIGAN—GRAYLING OF.
Who Discovered the first in... 204
Cope Letter... 181
Editorial on... 168
Engraving, and sketch... 265
Gillbank's Letter... 340
Green, Seth... 212
Habits of—Mather... 164
Identification of—Metcalf... 181
Joseph, Jones... 389
Montana—Head... 272
Propagation of—Green... 165
S. H. S... 305
Stump... 310
Greasing Buggies and Wagons... 406
Green, C. A. Hail to the Adirondacks... 275
Green, Seth.
California Salmon. Letter to L. Stone on growth of... 261
Smith Correspondence... 262
Gold Fish. How to keep... 246
Grayling of Michigan. Propagation of... 165, 212
J. H. C. Letter. Reply to... 53
Lobster Culture as a business... 212
Lobster Spawn. Letter to *Times* on. J. H. C. on... 46
Patience and Perseverance... 309
Pickerel in Lakes. Denial... 147
Rochester Aquarium of... 165
Rochester people praise him... 346
Shad. Growth of... 276
In Lake Ontario... 292
Private Habits of... 155
Trials, Tribulations, and Early Experiences of a Practical Fish Culturist... 68
Griffith, Hiram E. Bass Fishing in the Niagara... 60
Grouse, Pinnated.
Eastern Barrens. Stocking of with—"Homo" on 89, 149, 185
England. Proposal to introduce into... 8
Imported into... 152, 217, 253
Iowa. Fred Day... 374
On Long Island... 75
New Jersey for—W. C. H... 131
Peterboro. New York. Experience... 324
Prince of Wales. Eggs sent to. Experiment not successful... 408
GROUSE.
A Trip after to Kansas—"Herbert"... 353
Plenty in New England States—Adderhank... 22
Shooting. O. H. Hampton's Advice... 411
Guadalupe. La Isla de La Piel de Oro, Sui Duda Algerna—"Buena Esperanza"... 337
Gull. Great Black Beaked—Batty... 70
Guns.
Gun. A good one. What it Should Do. "Engineer" on... 235
Gun Barrels. Browning of. Madison's Plan... 256
Gun Suitable for Altering. Clark and Sneider on 235
Guns, Ammunition, etc.—"Check Cord" on... 242
Gun trial at Chicago. "Pioneer" on... 374
Field and Stream Tables... 345
Breech Loader, Another. W. L. Letter... 219
Breech Loader, Central Fire and Sneider Patent. "Wanderer" on... 140
Breech Loaders and Target Shooting. M. Letter... 108
Breech and Muzzle Loaders. Relative merits. G. H. S. Letter... 154
Chassepot *vs.* Snider... 249
McComus' Store. A Gun seen there... 315
Muzzle Loading Fowling Piece. Can it be converted into a Breech Loader R. T. on... 155
Rigby Rifle. Description... 140
Remington Double Barrel Breech Loader. Test of... 108
Sharpe's Sight. The New... 124
Gun Cotton. Detonation of... 7

H

Hackensack River Stocked with Salmon... 261
Hallock, Charles.
Better Preservation of Fish. Address Before Fish Culturists' Association on... 24
Uniformity of Game Laws. Speech on... 216
Hammocks of Florida... 260
Hampton, O. H.
Dog Trial. A Place for... 55
Duck Shooting in Iowa... 258
Grouse Shooting... 411
Snakes in Iowa... 5
Harney, M. Woodland Caribou... 322
Harris, W. C. Black bass fishing at Westport... 378
Harte, Bret. Glass Eye Story... 202
Hawks, W. E. Sample of Fish sent to FOREST AND STREAM by... 236
Head, J. F. Grayling in Montana... 212
Hen. Knowing... 51
Herbert's Courtesy. Offers to pay Expenses of Three to Kansas... 394
Heron and Rat Incident—L. W. L... 168
Herons and their Lanterns. "Pisco "on... 54
Wyman on... 106
R. R. N. Letter on... 150
Herring Fishing in England... 187
Hessel, Rudolphe, Danube Salmon... 69
Hewitt, B. L. Game and Fish Law for Pennsylvania. Letter Regarding... 43
Hill, W. W. Black Bass... 168

PAGE

Historical Societies of New England... 42
Holmes' Life Boat—Townsend... 204
Holberton, W. Summer jaunt in Pennsylvania... 378
Holyoke, Mass. Dam for Fly fishing—Bolles... 237
Hones Point Hunting and Fishing Club. J. T. D. on... 29
Horse Flesh in France. *Societe d'Acclimatation Bulletin* on... 137
Horses.
Animals that Fall Down. The Crowd and... 11
Brood Mares in Spring. *Michigan Farmer* Correspondence... 151
Chinese... 211
Colts. Critical time for... 7
Corns in... 307
Cribbing... 197
Daily Feed of... 87
Disease in New York... 21
Exhibition to be held at Manchester, England... 183
Gilbreth Knox. Stallion. Death of... 387
Herring's Safe Team... 150
Racing, and Accident Insurance. Seaver Case... 99
Selling Tricks in England. "Staggers"... 9
Team. Care of. Rules of Massachusetts S. P. C. A... 151
The Horse Artistically and Dynamically. Miss Thompson's Picture... 280
Track of... 296
Walking them... 365
Watering just after Eating... 71
Hot Beds. How to make... 113
Management of. *Western Rural* on... 102
Howell, Benj. P. Game in vicinity of Woodbury, N. J... 44
Hudson River. Stocking with Salmon—Manhattan... 212
Hunter Naturalist. The Moose. No. II—Lamberton... 117
Hunting Ground. A Good One. Ottawa District. 411
Hunt on Seneca River. "Muzzle Loader"... 82
Huxley, Prof. Will He Come to America... 373
Hydrophobia.
Alleged Cure for... 299
Bourrel, Mr. Experiments with Mad Dogs... 260
Clare, Ada... 78
H. C. Yarrow's Letters... 152, 184
Inefficiency of Muzzles—Carman... 230
Mad Dog Bites. How to treat... 121
Russell, Dr. Charles P., on... 247
Shelbyville, Tennessee, Incident... 300
Symptoms. Sanitary Committee's Report... 298
Vapor Bath Cure... 169
"Wayne Hovey" on... 283

I

Icthyc Fauna of Northwestern America... 356
"Idstone, Jr.,"
Ascott Races... 362
Bedford Agricultural Show... 410
Coaching of Old. The Coaching Club, Winner of the Prix du Paris. Spratt's Biscuit Co. Croquet... 345
Cricket, Eaton *vs.* Harrow... 409
Oxford *vs.* Cambridge... 377
Players and Gentlemen's Match... 410
Dog and Man Fight... 393
Dog Show at the Crystal Palace... 297, 341
Dogs. Lord Rosslyn's Setters sold... 410
Duck Shooting in English Waters... 265
Epsom Races... 313
Fleming's Book on Disease... 393
Gordon Setters and Retrievers... 374
Grouse Shooting Prospects... 298
Polo Accident... 362
Polo, House of Lords *vs.* Commons... 377
Prize Ring, Marquis of Queensberry's Patronage of... 377
Rabbits... 362
Rifle Association, Mid-Lothian, Score... 377
Shooting. Licenses for... 297
Sport, Ancient and Modern... 249
Thoroughbred Horse-, Tattersalls' Sale of... 377
Wimbledon, Shooting at... 393, 410
Illinois State Sportsman's Convention. First annual Meeting... 281, 282
India, East.
Hindostan. Forests... 37
Human Lives destroyed by Wild Beasts, and Snakes in... 137
Indiana Lakes for Fishing and Shooting... 187
Indians.
Self-Sacrifice... 307
War. Captain Sanderson's Kindness—Photographs... 393
India Rubber Tree... 262
Invalid friends in Georgia and Florida. Advice to... 137
Iowa. Fish found in... 412
Irish Hunting Season—Lt. Poe... 305
Iron Lance of Martinique... 6
Island of Mackinaw as a Public Park, Mr. Ferry's Bill... 267
Italy. Reigning Family of. Love of animals... 26
Ivy Poison. B. letters... 357, 390

J

James, Stanley. Warwickshire Fox Hounds... 247
Jefferson Sportsmen's Club of Watertown, N. Y.. 59
Jerome, George. Fish Breeding and Agriculture. 276
Jones, Rev. H. W. F. Target of... 299
Jug Fishing on the Missouri River—Veteran... 221
Jupiter Inlet in February... 251

K

Kennebago, Fishing at—Joe... 347
Kent, Capt. David, Experience with a whale... 251
Kent's Fish Farm... 168
Kenworthy, Dr. Invitation to Barnegat... 251
"Kerry, Mortimer,"
Cervidæ... 257
Icthyc Fauna of Northwestern America... 356
Salmonidæ of the Pacific... 369
Ovidæ of the Northwest... 225
Zoology of the Northwestern States. The Ursidæ... 177
Keuka Lake. The fish of—"Sucker"... 99
Kidder, Mr. Fish Ascending a River... 181

L

La Chasse Illustree. Notice of... 196
Lake Okeechobee FOREST AND STREAM Expedition—"Beverly"... 105
Lake Superior, North Shore. Attractions of—S. D. E... 205
Lake Superior—Steele... 34
Lakes of the Laurentian Hills—Jean Babtiste... 12
Lamberton, A. B. Hunter Naturalist. The Moose... 17, 117
Landseer. Tribute to—*Gentleman's Magazine*... 23
Lanman, Charles. Bass Fishing on the Potomac. 294
Lark. The Western—F. S. B... 134
Laverack, E.,
Apology about *not* sending pups to America... 182
Quail withholding their scent... 276
Lawrence, Mass. Dam; Shad and Salmon Fishing at... 181
Leaves from a Surveyor's Journal. Jacobstaff lost in the Woods... 115
Leech, Arthur B.,
International Rifle Match. Letter on... 155
Irish Team to be Composed of Six Men; letter.. 186
Legendre, Gen., Formosa Expedition, and... 202
Lennox Lord. Recollections of. *La Chasse* in France... 7
Lice on House Plants... 181
Lion's Jaw, Power. of... 196

PAGE

Lobsters.
Lobster Culture as a Business—Seth Green... 212
Lobster Law of Maine. The New. Text... 11, 85
The Bill to Regulate the Catching of in Massachusetts... 11
Reported by Legislative Committee... 76
Lobsters, Baby, Massachusetts Law Regarding. 285
Transplanting and Transporting... 246,
Lockport Shooting Club. Organization of... 91
Lord & Taylor's Advertisement, Notice of... 89
Louisiana, Sporting in—Valentine... 242
Lull, Commander Ed. P. Animal and Vegetable Life on the Isthmus... 38

M

McCrum, Hugh—Wager... 39
Macdona, G. Thanks for Brother to FOREST AND STREAM... 170
Macdona, Rev. J. C.,
Honorable Dealing of—"Mohawk"... 357
International Field Trials, Pointers and Setters. 6
Americans' Interest in, Letter... 25
Effort to revive. Letter... 214
Letter announcing sale of Kennel to G. Macdona... 41
Kennel Club Notes... 182
Mace, Dan, Not Dead... 58
Magalloway, Winter Camp on—J. A... 50
Magazine Notices.
North American Review... 62
Popular Science Monthly... 62
The Practical Magazine... 62
Magog District—T... 191
Maine.
Angling in... 155
Game Laws, Amendment... 76
Fish Protection in... 45
Illegal Fishing in. Amendatory Act... 46
Legislature, Committee on Fisheries. A resolve to call for $5,000... 60
Sportsman's Association. Organization of... 91
Manatee at St. Augustine, Fla... 276
Manchester Sportsman's Association. Officers of. 167
Maritime Monthly, Notice... 301
Margaree River, Salmon Fishing in—Richardson.. 60
Marine Animals in Fresh Water... 389
Markham, C. C. Waste of Adirondack Forest... 21
Maryland.
Association for Fish Protection, Organization.. 218
Dog Law... 283
Fish Commission of. The Bill to establish... 85
Fish Culture in... 292
Fishery Commission. Fishery Bill passed—C. C... 147
Trout Speckled. Act for Protection of... 301
Marsh, Prof. O'C., Lecture on Discoveries by the Yale Exploring Expedition... 70
Mascalonge Monster—Egan... 204
Massachusetts.
Angling Association, Including annual meeting... 11, 138, 169, 197, 229
Fishery Commissioners Report, 1873, Official... 45
Mather, Fred.,
Fish Culture. Secret of... 246
Fish Hatching. Influence of Mild Weather on. 11
Grayling of Michigan. Habits of... 164, 228, 292
Hatching Troughs... 308
On Barren Fish before Fish Culturists' Association... 26
Practical Fish Culture. The Hatching House.. 132
Shad, Young. Salt and Fresh Water Experiments... 404
Spawn Handling... 68
Mather, Prof., Amherst Art Gallery... 41
Meacham Lake, N. York. Condition of Game in —A. R. F... 205
Menagerie. A Floating One... 292
Menhaden Fishery and Manufacture. C. F. H. 46
Men With Tails. "Pisco" on... 57
Merrimack and Connecticut Rivers. Stocking With Fish... 229
Metcalf Martin, Michigan Grayling... 181
Meteorological Record for April... 231
Metal Shells. Danger of Carrying, "Check Cord." Herbert Letter... 300, 374
Michigan.
A Superb Angling Region... 280
Fish Protection Law... 391
Microscope. Dr. Cutter's... 25
Military, (SEE ALSO ARMY, U. S.)
California First Regiment, Co. E. Rifle Practice... 343
Massachusetts Light Cavalry. Visit to New York... 313
NEW YORK—Fourteenth Regiment, Rifle Practice at Creedmoor... 395
Ninety Sixth Regiment, Rifle Shooting at Creedmoor... 395
Seventy-Ninth Regiment, Gatling Presentation to... 169
Rifle Practice at Creedmoor... 337, 412
Sixth Regiment Rifle Practice at Creedmoor... 375
Twelfth Regiment, Company D., Challenge to a Rifle Contest... 315
Twenty-Eighth Batallion, Fifth Brigade Second Division. Rifle Practice at Creedmoor... 359
Twenty-Second Regiment, Rifle Shooting at Creedmoor... 314, 412
Mink.
Breeding... 327
The way I caught one—T. L. H... 213
Minnesota.
Fish and Spawn. Act Providing for Disposition of... 165
Notes, Wilmot... 161
Minnie. A Cruise Down the St. Lawrence in... 65
Mississippi.
Dogs and Game in. Notes on... 326
Sports in—"Guyon"... 402
Upper. On the—"Haviland"... 353
Missouri, Game Law of... 139
Mobris, R. T., Crested Fly-catcher... 213
Mohawk
Game Club Officers... 198
Thanks to FOREST AND STREAM... 219
Mongoose and Cobra—"Pisco"... 227
Moon-eye—Estes... 277
Moore, Edward. Note to the Public Concerning. 312
Moose.
Geographical Range of... 152
In New York State. E. C. S... 116
In Nova Scotia. Halifax *Chronicle* on... 75
None this Spring... 187
Morgan, Midy. Recipe for Promoting the Growth of a Mane... 120
Morris County Sportsmen's Club, Organization... 236
Moss Bunkers. Oil Extracted from... 215
Mountain Travel, Hints on... 200
Mowat, John. Restigouche River, Fishing in... 236
Murray, Alex. Fauna of Newfoundland... 310
Museum of Natural History, New York. Corner Stone Laid... 264
Muskoka Lake Region... 345
My Pets. K... 131

N

National Sportsmen's Club of Washington. Officers... 59, 219
Neversink Country, P. C. B... 200
New Brunswick. Fishing in—Beauchamp... 204
New Brunswick and Nova Scotia. Salmon and Black Bass Fishing Season... 391
Newfoundland.
Fauna of—Murray... 310
Fly Fishing for Salmon in—Poe... 285
Interior and Internal Resources... 56
Its Beasts, Birds and Fishes... 232
New Hampshire Fishery Commissioners Report. Editorial... 8
New York.
State Association for Protection of Fish and Game. Convention. See Game and Fish....
State Sportsmens' Convention. When it is to be held... 56
Mr. Henry Bergh and... 202
New Zealand. Game and Fish of—M. M. T... 4
Night Waders, Luminous Breast of—"Homo"... 108
Noank Naiad... 393
Nordhoff, Charles, Sandwich Islands... 41
Norris, Thad.
Birds—Variety of Plumage produced by Domestication... 54
Black Bass Fishing in the rivers of the Middle States... 294
Chub or Fall Fish. Technical Name of... 181
Chinkapin-perch... 125
Fly Making... 204, 220, 252
Grayling. First Discovered in Michigan... 204
Salmon. Autopsy of... 356
Shad Fly Fishing. The why and the wherefore... 172
North Carolina.
Coast Fishing—Simpson... 311
Game of—J. E. W... 36
Trout Regions of—"Buncombe"... 241
North Woods.
Reminiscences by a Sportsman's Wife... 2, 66
Trip to—F. B... 408
Nova Scotia.
Angling in—Luke Tripp... 347
Fish Taken in 1873... 11
Inland Fisheries. Halifax *Chronicle*... 308
Rivers. Fitz Cochran's Letter... 284

O

Ober, Fred. A., Birds of Lake Okeechobee. See also "Beverly, Fred."... 100
Octopus.
Eaters... 348
John Harvey's Letter on... 87
The one in Japanese Waters. W. B. Tegetmeier on... 122
Octoraro Sportsmen's Club, Organization... 134
Ohio Fish Commissioners Report... 122
Okeechobee Expedition of FOREST AND STREAM... 145, 153, 193
"Oilipod Quill." See Gardening and Answers to Correspondents.
Omens, Lucky... 39
Omohundro, John B.,
Earl of Dunraven's Present of a Gun to... 122
International Rifle Match and Letter... 108
O'Neil, Prof., James, Testimonial to... 78
Oquossoc Angling Association, Election of Officers... 236
Orchard Work—"O. Q."... 70
Oregon, Salmon Fisheries of—A... 280
Ostrich.
Farm at the Cape of Good Hope... 108
Profits of... 28
Otter, A Domesticated... 260
Oyster Bill, Virginia Legislature, Main Features of... 69
Ourang-outangs in Paris... 372
Oyster Discoveries in Fore River... 389

P

Paint, Fresh, Emanations from... 28
Painting Houses, Best Time for... 296
Pantheon, Masculine of the Smiths... 59
Pearce, Frank C.,
British Canine World... 196
Correspondence With FOREST AND STREAM... 349
International Field Trials, Letter... 71
Pease, J. Ives, White Fish in Twin Lakes... 389
Pedestrianism.
Bennett-Whipple Match... 196
Bennett and Weston's Walk... 213
Donohue, Hugh. 1,000 Miles in 1,000 Hours... 332
Eaton, Josiah, Feats of... 78
Stevens, Augustus, Challenge... 215
Weston's 500 Mile Walk... 215
Failure to accomplish... 297
Pennsylvania.
Fish That Wants a Name... 163
Fishways of—Worrall... 94
Forests, Sports of, Hounds—"Pleasant Wing"... 178
McKean, Cameron and Wyoming Counties, Hunting in—"Tuscarora," Letter... 154
Wyoming County, Hunting and Fishing in... 138
Perch, Yellow, Introduction into California—L. Stone... 84
Perplexities Again. "Ramblerod"... 146
Petrels, Franklin Benner's Paper on... 133
Philadelphia Zoological Gardens, Birds and Animals owned by... 6
Pierce, Chas. E., Correction... 35
Pierson, H. R., Lake of, Stocked with Black Bass —Wanmaker, Letter... 309
Pigeon and Rabbit Shooting in, Paris... 284
Pigeon Shooting
Audubon Shooting Club, Organization, Officers. 314
Bluff City Club Matches... 75, 154, 250, 267
Bogardus. Joll Match... 374
Match of Himself... 186
Buckeye Club, Champion Badge Match... 106
Chicago Gun Club Match... 342
Chicago Tournament... 409
Chicassaw Jockey and Bluff City Shooting Club Match... 218
Cincinnati, O., Tournament... 411
Crosier-Rawlins Match... 374
Danville, Ill., Prize Match... 13
Deer Foot Shooting Club, of South Brooklyn, Match... 59
Dexter Club Match... 59
Forest City Club Match... 300
Gun and Hurlingham Clubs of London. Shooting under auspices of. A. H. S... 343
Hunter's Club of Lexington, Ky., Tournament.. 358
Ireland, Green Match... 108
Johnson, Miles, Match at Dexter Park. Chicago for Benefit of... 300
Kalorama Match... 59
Kensington Hunting Club of Philadelphia, Match... 186
Maine Club of Portland. Spring Match... 147
Merrymount Club Match... 140
Michigan State Medal Match... 234, 251, 267
Monroe, Mich. Match... 295
Montgomery Shooting Club Matches... 186, 251
New Jersey Sportsman's Club, Trap Shooting.. 44
Ohio Association for Protection of Game... 358
Oswego Convention Score... 346
Paine-Bogardus Match... 196
Paine-Ward Match... 124
Philadelphia Amateur Shooting Club, First Match... 90
Philadelphia Sportsman's Club Meeting... 186
Post-Livingston Match... 300
Sea View Park Association, Rhinehardt—Picken Match... 13
Skaneateles' Club Match... 374
Toronto Gun Club Match... 274
Tremont Club Match... 300
Waterloo Station Match... 251
White Cloud *vs.* Fall City, Neb... 314
Winkle Club Matches... 236, 274
Pike-Perch in Lake Pepin—Dr. Estes... 83
Pipe. "Pisco's" Invention... 345
Pipe Smoking by Machinery. "Smoker"... 185
Pisciculture. Aquaculture as a Substitute for... 11
Pisciculturists for... 348
"Pisco's" Shot at a Loon... 389
Pistol Practice.
Amateur Six-Shooter... 236
Target on... 275
Plums. Wild of Kansas—Gillbanks... 310
Poe, Lieut. W. H.,
Fly-Fishing in Newfoundland... 285
Gosport, Letter... 277
Irish Hunting Season... 305

168 01

PAGE

Poetry.
A Desire—E. C. G. 148
An Angler's Invitation—Montpelier. 273
Anas Canadensis—G. H. W. 65
A Queer Story from the German. 35
Balsam Lake—P. C. B. 161
Bostwick, Helen B. At the Wood's Edge. 244
Chestnuts—Carrie. 17
Dying Child. 129
Ewing, Martha. The Evergreen Trees. 4
Fishing. The Secret of Success in the Facinating Art of. 177
Forsaken—E. C. G. 132
Foster, M. A., The Angler's Carol. 401
The Salmon Run. 353
Griffith, A. E., June Roses. 289
Hallock, Charles, The Editorial Alembic. 385
Harkaway—T. W. A. 308
"Hovey Wayne," Elegy on a Horse. 404
The Old Farm House Door. 321
Howells, W. D. The Robin. 260
Lamberton, Mrs. Euncie B. I and Betsey. 145
The Frogs. 292
Lamon, Ajax T. Red-Headed Joe. 100
McClellan, Isaac. Winter Scenes. 114
McGinks, A. J. The Roysterer's Paradox. 209
Matthews, J. Brander. Smoke. 36
Times and Seasons. 81
"Meredith, Owen." Coming of Spring. 228
Musings—Transit. 68
Northwood Camp. 388
Parody on the Beggar's Petition. 212
Roche, J. J. Bitter End. 211
Buffalo Hackman. 129
Despair. 84
Mother Brown. 241
The Coming Man. 337
The Fo'ks'le—A Revelation. 193
When My Ship Comes Home. 225
Salmon's Remonstrance. 30
Shad. A Word for. 324
Skylight, Jack. Scientific Dredging. 97
Spencer, Ed. Birds by My Window. 276
Spring. F. W. A. 65
Stevens, Charles W. A Retrospect. 33
Storm, The. 356
Thaxter, Mrs. C. The White Rover. 164
The Gentle Art—*Fun*. 257
The Megalloway. W. A. 117
The Violet. E. C. G. 148
The Whitby Smack. 52
To Anas Canadensis. 49
To the Snow. 180
Whitcher, W. F. They'll miss Him along the Line. 1
Wilson, J. Newton. Oh! Where shall we go? 369
Yacht Song. 305
Wilson, R. A. To a Canary. 340
Woods, Ellen M. A Bird's Song. 196
Point au Pelee, Island for Black Bass Fishing. 187
Polo. When out of Question. 106
Pond & Dunklee's Camping Stove. 167
Popular Science Monthly. Notice. 317
Pot Fishing. "A Fly Rod," on. 60
Pot Hunter—"Check Cord" on. 326
Potomac.
Falls and Fishways. 147
From, to the Rio Grande—"Orville". 321
Great Falls of, Fishing at, O. K. and Bob. 268
Pottery Tree. 262
Poultry Association of Massachusetts. Annual Exhibition. 5
Powder-down. Coues on. 134
Prairie Chickens.
Proposal to Introduce them in England. 26
Sent to England—*Land and Water*, on. 217
Sold in Liverpool. 169
Price, R. J. Lloyd.
American and English Field Trials. Letter. 25
Letter to *Field* on Sixteen Retrievers for Shooting. 6
Pointer and Setter Match. International. 71
Working Dogs in Field Trials. 55
Prince, Wm. C., Fly Fishing for Shad. Letter on. 139
Prince Carolatti. Remarkable Shot by. 267
Prince of Wales. American Game Birds' Eggs for. 312
Princeton, N. J., University Athletic Exercises. 157
Projectiles, Action on Animal Bodies. 280
Ptarmigan, Description of. 89
Ptarmigan of Newfoundland—M. H. 404

Q

Quail.
Quail or Partridge, among us. Have we? 70
Bred and Breeding in the City. 292
Dogs *vs.*—E. S. W. 260
Do they eat Chinch Bugs?—E. 180
European. Goldsmith. 361
How to Raise and Protect in Winter. "Protector" on. 4
SCENT.
"Check Cord," Letter. 86
Do they voluntarily withhold it? (*Chronological*)—W. L. and Retriever, on. 5
Eyrich. 310
H. G. P. 54
Laverack. 276
O. B. H. 212
"Pioneer". 405
"Pioneer," Letter. 103
"Shootist," Letter. 134
W. L., Letter. 150
Wanmaker. 180
Quebec Country. See also Canada. Fairchild, Jr. 211
Queensland Trees. 293

R

Racquette Tupper Lake and Bog River. A Day on—Crow. 146
Rail bird—"Jacobstaff." 245
Rail Shooting. Charge for. "Captain's" Letter. 91
Rangeley Lakes, Maine.
H. R. M. Letter. 412
Fishing at—Joe. 330
Fishing in—Stanley. 311
Rangeley River. Two Hour's on—Steele. 402
Rat. A Strange—F. S. B. Letter. 86
Rat—Cat Story. 291
Rattlesnakes. Knoxville, Tenn. Case. 123
Raymond, Chales H. Letter on "Fairy" and "Pride of the Border". 373
Reeder H. J. on Fish Culture in Pennsylvania. 26
Reiche Caravan. 153, 247
Remington & Son's. Irish Rifle Match. Letter Regarding. 89
Rennie, Andrew. Challenge. 183
Restigouche River. Fishing in. Mowat Letter. 236
Rheumatism. How an Old Hunter Stamped it out. C. H. B. 187
Rhode Island Steamer. A Trip to Stonington on. 317
Richardson, Dr. Jas. H.
Salmon Fishing River on Margaree. 60
Tape Worm in Trout. 180
Ridgway, Robert. The Dodo. 244
Rifle, (SEE ALSO GUN).
Marking Method—Capt. Mildmay on. 234
Rifle and Gun Practice. Veteran Marksman on. 59
Rifle Association (Army) of Ontario. 108
Rifle Association. English National Report for 1873. 8
Rifle Cleaning in Matches like the International—J. J. M. on. 167
Rifle Experience—H. R. B. 242
Riflemen. Hamilton, Canada, Meeting. 123
Rifle, Muzzle Loaders. A Call for. 344
Rifle Club, Amateur (NEW YORK). International Match. Meeting Regarding. 153
Contest for Club and Remington Diamond Badges 358

PAGE
Long Range Badge Match at Creedmoor. 266
Match at Creedmoor. Practice for. 232
Second Match. 314
Meeting Club House. 343
Turf Field and Farm and Club Prizes. Competition for. 327
Rifle Association, Province of Quebec. Annual meeting. 376
Rifle Association, National 1873 (NEW YORK).
All Comers Match. 10
Match. Oct. 1873. State Prize. 42
Meeting, International Match and. 155
Meeting. Treasurer's Report. 218
Membership. 395
Opening Day at Creedmoor. 281
Report. 250
Programme for 1874. M. 198
Remington Diamond Badge Match. 297
Rifle Shooting.
Amateur Rifle Club's Address to the Riflemen of the United States. 57
International Match. Question of Men and Arms. 57
Arranging American Team. How it is done. Encouragement of the Match. 297
Marksmen contesting for the honor of being in the American team. 375
"Royal" on. 284
Irish National Meeting in Dublin. International Match Discussed. Programme. 58
Irish Team. Those who are to accompany them to the United States. 299
Irish *Times* on. 91, 108, 186
Leech Letter. 155
Leech Letter. Team to be Composed of Six Men. 185
No Time to Loose. Prepare Quickly. 104
Sharpe Rifle Manufacturing Co., and. Letter 137
Superanuated Rifleman, A. M. S. Letter on. 155
The Irish Team for America. *Personnel* of. 299
Boylan Mr., Medal. 234
Canadian Team. Challenge to Irish Eight. 218, 313
Conlin's Tournament. 75
Creedmoor, Sights allowed at. 218
Lawlessness at. Action of N. R. A. 376
Gallery, What is thought of it in England. Letters. 91
General Advice for Creedmoor, Number 1. 234
Germany and Switzerland. 250
Kellogg Badge, Competition for. 412
Long Range. How to do it—T. C. C. 99, 116, 147, 162, 195, 211
J. H. R. on. 226
McCarthy-Conrad Match. 91
Province of Quebec, Prize Meeting arranged for. 326
Remington. New Sights on. 162
Schahmyl's. 249
Remington Challenge Long Range Breech Loading Table. 315
San Francisco, Practice. 410
Toronto and Victoria Clubs. Match. 412
WIMBLEDON.
Canadians qualified to shoot at. Team for. 200, 266, 358
Change of Targets at. *Volunteer Service Gazette* on. 186
New Rules at. 198
Possible Change in the Target System at. 72
Target at. Mr. Ed. Ross on. 217
Rifle Practice, (SEE ALSO MILITARY).
New York State National Guard. Chief Sections of Law. 218
Rod Manufacture. True Art of. 124
Rods of Different Material—A. J. W. 267
Rifle, Springfield, the new. How it differs from the model of 1870. 376
Rifle shooting, word shooting. Conlin badge. Won by G. McDonald. 375
"Vox" Letter on. 140.
Roosevelt, Robt. B.
Breech Loaders. Letter on. 91
Fish Commissioners of New York. What they have done. 100
Rooster, Spanish. A high priced bird—Batchelder. 5
Rose Bush, A thrifty. 70
Rothschild, Baron Mayer. Turf Record of. 106
Rothschild. Racing Horses. Sale of. 137
Rous, Admiral. Breeds of Horses deteriorating. Denial of. 89
Royal Hunting Order. Origin of. 200
Ruskin, John. Athletic Exercise for the Young Men of England. 154

S

Sag Harbor, L. I. H. C's. Description of. 155
Sage Cock, Peculiarities of. "Veteran." 66
Sail. New. The Shadow. 202
Salmon.
California. Baird and Stone. 229
Danube—Hessel on. 69
Fisheries of Oregon.—A. 290
Fishing in the Novarro. *Overland Monthly*. 29
Growth of in California. Green-Stone Correspondence. 261
Hudson River. Troy Press on. Editorial. 40
In Machias River. 19
Introduction into Rivers. "Scotia." 266
Land-Locked.—R. R. 322
Nicholson, Score. "Littell's" Question. 60
Pacific.—Brackett. 76
Plenty. 310
Returning From the Sea.—Gray. 244
Returning in Three Years. Answer to C. E. T. 180
Salmo Fontinalis. 267
Salmonidæ of the Pacific. 369
Salmo Quinnat, and Salmo Salar. 388
Shaushine River. Young Salmon Wanted for. J. A. O. 340
Taken From the Tweed. 4
Salter, J. H. Pointers and Setters. Field Trials. 197
Sandwich Islands. Decrease of Inhabitants.—Nordhoff. Editorial. 41
Sardine Fishery. The French. 105
Savannah Schutzenfest, Annual. 348
Scalp. The one that was sold by the FOREST AND STREAM. 281
Schock, Oliver D. Adventures with Indians, Deer and Wolves. 187
Schuetzen Park Association. Assets of. 90
Scotland. Pisciculture in. 89
Scott, Alex. W. Presentation to. 364
Seal, Baby—J. W. Hayden's Capture. 392
Seal. Extermination of. 184
Seal of Newfoundland. Mr. Carroll's Commission for a Collection. 73
Sealing Season of the Newfoundlanders. 138
Sears, Wm. M.
Albinoism in Birds. 22
Canadian Marmot. 38
Seneca River. Hunt on. "Muzzle Loader". 82
Seymour, Ex-Gov. A Coral Stone that drips oil. 25
Shad
Connecticut. Arrival in Berlin. 389
Derivation of—"Felix Adler," 277
Fishing in Connecticut. Bowles. 294
Fishing in the Conneticut. A Good Season. 237
Fishing on the Potomac.—A. G. W. 236
Fly Fishing for. 178
Fly Fishing for—Advice. 221
Fly Fishing—Norris. 172
In Alleghany River—Blakeslee. 228
In California—S. R. T. 229
In French Waters—DuSaye. 268
In Lake Ontario—Green. 292
In Ohio Rivers. 136
In the Savannah River. 104
Prof. Baird on. 155
Seth Green on Private Habits of. 155
Young. Shipment to Bremen. 404
Why they have not been found above Holyoke Dam. 356
Sharks at Coney Island. Mr. Keatty bitten. 377
Shipman, V. J. International field trial for setters. Challenge. 376

PAGE
Shells, Paper and Metal. 266
Shooting and the Dogs we want for it. U. S. Cor. of *Bell's Life* on—(SEE ALSO RIFLE SHOOTING). 6
Shooting. How the Germans do it.—Von Lehman. 147
Short-Horn Cattle.
Coffin's Herd, Sale of. 245
King's Herd. Sale of. 245
Shot. A Remarkable—"Old Smedy". 314
Shot. How They Drop it. 262
Shots. Two Good Ones—"Monmouth". 12
Shrimp—Eben. 348
Siamese Twins. The Autopsy. 39
Simpson, Jr., A. W. North Carolina Coast Fishing. 118
Singing Birds. Introduction of into America. 264
Singing Fish. 38
Skeleton. Gift to FOREST AND STREAM. 360
Slab, Jehiel. How I Went Hunting. 178
"Slimy looking things, ain't they, Boss". 245
Slocum, E. P. Fishing with a Fly in the Shetucket River. 294
Smelt Law in Massachusetts. Works Like a Charm. 181
Smith, Horace. Woodcock in New Jersey. 358
Dog letter. Morford's "Joe." 374
Smith, Mannasseh. Migration of Birds. 245
Smithtown, L. I., in the Trouting Season. 188
Snakes in Adair County, Iowa—O. H. Hampton on. 5
Snipe Shooting at Clarksville, Mo. 218
Snipe Shooting. Spring.—"Homo." Letter. 187
Snow Shoe. Tramp in Canada. 73
Soft Crabs—Mr. Herbert on. 392
Sora in May—"Jacobstaff". 230
Sorrento Work—L. W. L. 21
Southern Navigation. 39
South Side Sportsmen's Club. Election of Officers. 44
Spalding. Letter on Athletic and Boston Base Ball Clubs. European Trip.—"Lippincott" on. 62
Spiders. Something new about—A. G. W. 306
Sport, Ancient and Modern.—"Idstone, Jr". 249
Sportsman's Club of Western Pennsylvania. Organization of. 235
Sportsmen's Convention. Invitation to all Clubs. 232
Sportsmen's National Convention.
G. W. D. 393
National Convention at Niagara Falls. Call for. 409
Sportsmen, Old-Time. Old Time Scores by.—"Homo". 213
Sprange. Mr. Buckland on. 43
Squid at Martinez. 312
Stag Hunting in England. Queen Victoria and. 122
Stanley, Henry M. Hatching House Under Supervision of. 261
Steam Launches and the Steamboat Laws. 328
Steele, Thos. S.
Photographs of Oil Painting of. 296
Reminiscence of Lake Superior. 34
Two Hours on Rangeley River. 402
Stemberger, Col. A. B. Little Dodo of. 3
Sterling, Theodore W. Visit to FOREST AND STREAM Office. 89
Stone, Livingston.
California Salmon. 229
Introduction of Eastern Fish into Waters of the Pacific Slope. Paper on. 100
Yellow Perch in California. 84
Strawberry Cultivation—O. Q. 357
Strong, Gen. W. E. Score With a Ballard Rifle. 139
Subterranean Fishes in California. 70
Summit Sporting Club. 76
Sun-Dazzling, Reflection of. Remedy for. 59
Sun Flowers. Value of for Bee Food. 341
Sutton, I. Bass Fishing in Lake Erie. 294
Swallows. Our Pet.—Newton Wilson's Diary. 3

T

Tapir Hunt in Costa Rica. 148
Tarpum.
Description. 389
G. Brown Goode on. 292
Tattooing in New Zealand. 23
Taunton Sportsmen's Club. Organized. 219
Taylor, Capt. J. N. Salmon Fishing. Notes from Cape Breton. 330
Telegraphic Monopoly of New Foundland.—Carroll. Editorial. 40
Texas.
Game and shooting in—"Old Scout". 371
Game Season in.—J. L. Letter. 268
Sport in.—J. L. 326
Sportsmen in. 135
Trout and Rod Fishing.—J. L. on. 386
Thimble Islands. 363
Thompson, Jas. B. Salmon Eggs from Mr. Atkins' 165
Thompson, Miss. "The Roll Call" of. 280
Thousand Islands of the St. Lawrence. How to reach.—C. W. H. 330
Tiger Hunting in Costa Rica.—Central America. 258
Toads.—"Arlington Ned." Wyman. 180
Tolley, J. W. on FOREST AND STREAM. 266
Toronto Gun Club Trouble. 45
Tortoises, American Silver. 327
Townsend, D. T. Holmes' Life Boat. 204
Trees, Forest, Culture of, *Lincoln, Neb. Ledger* on. 149
Trespass and Game Laws.—"Mohawk". 195
Trespass and Game Protection Laws.—B. 201
Trespass and Game Protection. English Laws in Regard to. 217
Trout.
A Nine Pound. Landed by "Smiler". 306
At Rochester. C. A. G. brings Seth Green to the Right About. 221
Baiting with Mice—"Jacobstaff". 205
Blind. A. R. M, Letter. 102
Brook. Stocking Streams and Ponds with —Collins. 53
Habitat of. T. W. 356
Large "Jacobstaff's" New Method for Catching—"Red Cedar." 221
Mountain in Georgia. T. H. McKay's Catch. 267
Twenty-seven Inches in Length. 187
Of the Truckee River. 161
Stocking Streams with. 276
Tape Worm in—Richardson. 180
With two heads, Cole's. 213
Trout Culture on Bromfield Street, Boston. 11
On Long Island. I. Q. J., Letter. 181
Trout, Grove, Fisheries. 340
Trout Fishing at Humboldt Bay—"Monmouth". 273
At Yarmouth, Nova Scotia. 92
From Rondout via Balsam Lake to Callicoon —Van Brunt. 173
On Long Island forty years ago. 204
Trout Fishing Season in Connecticut. 221
Trout Stream of Vermont—Whitman. 294
Trouting in Nova Scotia—D. 274
Trouting Localities. Dr. Estes on. 188
Trouting Season on Long Island. 91
True, J. G., Illinois Sportsman's Convention, and Bench Show of Dogs. 283
Turf.
American Girl *vs.* Copperbottom. 291
California. Ocean Course Races. 21
Carleton Park races. 381
Chappell, Brothers', Stables. 253
Chickasaw Jockey Club Races. 211
Epsom Races, Derby Day. 275, 313
Jerome Park Races. 163, 275 307
Kentucky Association Races. 211
Louisiana Jockey Club Races. 151
Monmouth Park Races. 348
Second meeting. 381
Nashville Blood Horse Association Races. 253
New Market Spring Meeting. 211
Paris. Grand Prix de Paris. 291
Philadelphia Driving Park. New one proposed. 71
Point Breeze Races. 259
Savannah Jockey Club Races. 7
South Carolina Jockey Club Races. 51
"Teacher" as a Winner. Singular Prophesy. 233
Trotting. National Association for Promotion of interests of. Convention. 7, 8
Utica Park Ladies' and Oneida Stakes. List of. 51
Utica Park Races. 307, 323

PAGE
Turkey Shoot Story from Fort Sill, I. T—"Basso" 59
Turkey Shooting. Geiger-Kisselburgh Match. 167
Turkey, Wild, Hunting—Guyon. 210
One Caught in New York. 90
Turtle and Shark Fight. 393
Twin Lakes, Trout Farm. 195

V

Vacation for brain workers. 344
Valentine, A. M. Sporting in Louisiana. 342
Van Brunt, C. Trout fishing from Rondout via Balsam Lake to Callicoon. 173
Vessels in the water. 215
Virginia. Fishery Interests neglected by Legislature—A. Wall. 212
Von Lehman, A. How our German friends shoot 147

W

Wanderers. Percy, St. George C. C. Letter. 62
Wanmaker, E. S. Do quail withold their scent? 180
Weights of men and women. 39
West Jersey Game Protective Society. 185
Wet clothes. Danger from. 39
Whale. A bark attacked by. 29
One caught in South Amboy. 267
Whitcher, W. F. Fishing in Canada. Discriminate exclusion. 27
Fishery laws in Nova Scotia. Complaints. Reply to. 305
White Cloud Sporteman's Club. Officers elected. 90
Whithfish hatching. N. W. Clark on. 340
Whitefish in Twin Lakes—Pease. 229
Whitehead, Charles E. Misery River. 35
White oak. Sammis. 33
White, Robt B. Barnegat duck boat. Description of. 171
White Top. A visit to—Wagner. 401
Whitman, C. L. Trout streams of Vermont. 294
Whitworth, Sir Joseph. Books on guns and steel 296
Williams, Col. J. M. Shooting of with a Remington breech loader. 124
Wilkinson, A. J. Ancient angling lore and literature. 18
Wilmot, Sidney. Minnesota notes. 161
Wilson, J. Newton. Our pet swallows. 3
Winbeidon target. Changes at. 137, 184
Wingate, Col. Geo. W. Rifle, present from Mr. Leech. 376
Winkle Club of Lawrence. Organization. 394
Woodcock.
"Check Cord" on. J. N. Davis. 226
Close season. Mr. Chamberlin's bill. 411
New Jersey—Horace Smith. 358
On toast—"Gruz". 264
"Pot Hunters" and Alexandria *Gazette*. 313
Record of birds killed. 394
Season for. 410
Scarcity of in New England States. 22
Short letter of lamentation. 358
Shooting in July—"Homo's" apprehension. 235
Woodcraft—Monmouth. 385
Worrall, James. Fish ways of Pennsylvania. 84
Wyandotte. A Week's fishing at. 355
Wyman, L.
Dog training. 390
Heron's torch. 103
Toads. "Arlington Ned." 180

Y

Yachting.
America not the Winner of the Queen's Cup. 29
Arlington club's Annual Meeting. 235
Ashbury's cruise in the Eothen. 154
Atlantic club. Opening cruise. 268
Atlantic club's Regatta. Judge's Report. 300
Bennett Cup. 189
Beverly club. Annual Meeting. Fleet Officers and Regatta. 35, 75, 171, 363
"Blue with a Gold Castle." E. M. on. 40
Boston and Dorchester clubs. Union Regatta of. 252
BOSTON CLUB.
Annual Meeting. 202
Annual Review. 379
Commodore Dean's congratulatory order. 406
Dinner. 55
Fleet. 171
New House. First meeting in. 141
Brooklyn club Regatta and cruise. 302, 406
Bunker Hill club Fleet. 14, 171
City of Boston Sailing Regatta. 348
Columbia club Regatta. 300
Corinthian Race. (See Seawanhaka). 233
DORCHESTER CLUB.
Officers. 141
Measuring Rules changed. 156
Fleet. 171
Ballast Proposition. New members, etc. 219
Regatta. 278, 316
East Boston club Regatta. 316
Eastern club. List of Yachts and Owners. 171
Eastern club Regatta. 348
Edgar, Daniel. Sloop of. Launched. 202
Florida. Cruising in. 156
Florida Sketches. By L. W. L. 38, 82
Halifax club. Programme of Events. 301
Holmes, J. W. Yacht of. 156
Idler. Rum of. 331
International club Regattas. 278
Jersey City club. Officers elected. 77
Long Island club Regatta. 300
Lorillard, Jacob. New Steam Yacht of. 141
Lynn club Fleet, and Regatta. 171, 316
Manhattan club, Annual Regatta. 379
New Jersey clubs. Proposed Consolidation. 29
NEW YORK CLUB.
Annual Meeting. Election of Officers. 14
List of Vessels. 219
Regatta. 500
Ladies' Regatta. 331
Ocean club of New Jersey. 331
Perth Amboy club. Preliminaries for a Race. 219
Philadelphia club. List of Vessels and Names of Owners. 220
Philadelphia club Regatta. 301
Portland club. Officers elected. 235
Rockaway club. Organization and Work of. 278
Royal Halifax club. Quarterly Meeting. 179
St. Augustine Florida club. Election of Officers. 156
Seawanhaka club. Circular to. Yacht Owners invited to participate in Corinthian Regattas. 268
Seawanhaka Corinthian cup. 185, 199
Seawanhaka Regatta. 347
SOUTH BOSTON CLUB.
Fleet of. 171
Party, and List of Yachts of. 156
Regattas. Programme. 189, 278, 316, 406
Stapleton club Regatta. 405
Startle. Cruise of. 379
Steam Yachts and Steam Launches. Steamboat Rules and. 249
Town, J. N. The Vessel he designed. 299
Trip. A pleasant one. 73
Vindex. Log of. 235
Williamsburg club. Officers elected. 77
Yachts. Where they vanish to in Winter. 140
Yarrow, H. C. Hydrophobia. Letter on. 152
Yellow Birds. Eggs and nest of. 149
R. F. P. Letter on. 123
Yellow Perch. Mr. Stone's collection, and. 309
Yellowstone Valley. Its charms for Sportsmen—"Monmouth". 209

Z

Zoological Garden of Philadelphia. Officers elected, &c. 118, 134, 198
Zoology of Northwestern States and Territories The Ursidæ. "Mortimer Kerry." 177, 225, 257